

– DETAILED DESCRIPTION OF THE INVENTION

B2
Referring to Figs. 1-4, inclusive, a superheated vapor generator and control system 10 includes a base 12 forming the bottom of a housing 14. The housing 14 together with base 12 functions as a container for system 10. The top and sides of housing 14 are fastened to base 12 by conventional means and are removable to permit access to the interior of system 10. Details of particular aspects of system 10 are fully disclosed and described in the '556 patent incorporated by reference herein; thus, common features will be described in summary fashion herein. –

Kindly replace the paragraph beginning at p.14, line 18 with the following rewritten paragraph:

B3
– A method for fabricating superheated vapor generator system with a capacity of variable output pressure and volumes in accordance with the invention is depicted in Fig. 5. Two separate, preferably semi-cylindrical parts are provided. One part may have a longer axial extent than the other for purposes of accommodating a heating cartridge – or a cast-in heating element – and providing sufficient heat dissipative area to prevent undue heat and temperature build-up. The parts have hollow sections comprising the vaporization chamber. –

Kindly replace the paragraph beginning at p.14, line 25, with the following rewritten paragraph:

B4
– As shown in Fig. 5 the hollow interior section of the parts may be either cast or machined to define a series of ridges and grooves of randomly varying heights and depths in a manner such that they are concentric or helical about the longitudinal axis of the part. –

Kindly replace the paragraph beginning at p.15, line 1, with the following rewritten paragraph:

B5
– As shown in Fig. 5, radial grooves are then machined or cast in the parts such grooves also having varying depths and heights. The radial grooves may be 10-12 in number, and other quantities may be utilized as well in accordance with the invention. Full details of this procedure are specified in the '556 Patent. –

Kindly replace the paragraph beginning at p.15, line 9, with the following rewritten paragraph:

B6
– As depicted in Fig. 6, a superheated vapor generator system is employed to provide output flow of controlled and desired character. Input liquid flow is adjusted to produce desired pressure/volume output of superheated vapor. The output flow is controlled and directed by output control such as a valve. –